

In The Claims:

In accordance with the Revised Rules under 37 C.F.R. 1.121, please amend the claims as shown below and indicated as "currently amended." Also shown below are claims that may be original, cancelled, withdrawn, previously presented, new, and not entered.

1. (Currently amended): An apparatus for diarizing janitorial services during a janitorial cleaning patrol by janitorial cleaning personnel along a janitorial cleaning patrol route that includes at least one janitorial cleaning zone of a facility, said apparatus comprising:

at least a first printed barcode operatively mounted substantially local to one said janitorial cleaning zone; and

a portable unit adapted to be carried by said cleaning personnel, said portable unit including an outer casing that frames a display, a plurality of keys, a docking port, a barcode reader, and computing hardware interconnecting said display, said keys, said docking port and said barcode reader;

wherein said barcode reader operable to receive a scan of a barcode operatively scans said first printed barcode substantially contemporaneous with a janitorial cleaning of each said zone representative of at least one cleaning task; and wherein said computing hardware operable to record operatively records a completion of said at least one janitorial cleaning of each said zone task corresponding to said received barcode.

2. (Currently amended): The apparatus according to claim 1, further comprising wherein said at least one a second printed barcode representative of a prescribed janitorial cleaning task; wherein said barcode reader operatively scans said second printed barcode substantially contemporaneous with a janitorial performance of each said prescribed janitorial includes a cleaning task in one said zone; and wherein said computing hardware operatively records said janitorial performance of said prescribed janitorial cleaning in a facility and at least one task to be performed in one said at least one cleaning zone.

3. (Currently amended): The apparatus according to ~~claim 1~~ claim 2 wherein said computing hardware ~~is operable to present~~ operatively presents, on said display, at least one prescribed display member selected from the display group consisting of: (a) said at least one cleaning zone, prior to

said cleaning of each said zone; and (b) said prescribed janitorial cleaning task, prior to said performance of each said prescribed janitorial cleaning task in one said zone on said display.

4. (Currently amended): The apparatus according to ~~claim 3~~ claim 1, further comprising wherein said at least a second printed barcode operatively mounted substantially local to another one prescribed cleaning task includes a plurality of said cleaning tasks along a zone of said cleaning patrol route.

5. (Currently amended): A ~~portable computer-based~~ method of diarizing the performance of janitorial services during a patrol by janitorial cleaning personnel along a janitorial cleaning patrol route that includes at least one prescribed janitorial cleaning task in at least one janitorial cleaning zone of a facility, said method comprising the steps of:

- i.A. mounting a first printed barcode substantially local to each said janitorial cleaning zone;
- i.B. providing a second printed barcode for use by said cleaning personnel during said patrol;
- i.C. determining whether a next one said janitorial cleaning zone remains to be cleaned of a facility for cleaning;
- ii. presenting said next one said janitorial cleaning determined zone to said janitorial cleaning personnel a user;
- iii. waiting for a scan of -a- the first printed barcode that corresponds to said next one said janitorial cleaning zone matches with a barcode affixed to said determined zone;
- iv. determining whether a next one said prescribed janitorial cleaning task remains to be performed in said one said janitorial cleaning zone;
- v. presenting said next one said prescribed janitorial cleaning task to said janitorial cleaning personnel user;
- vi. waiting for a scan of -a- said second printed barcode that corresponds to said next one on a task list that matches with a barcode respective to said prescribed janitorial cleaning task;

- vii. repeating steps iv – vi until no prescribed janitorial cleaning task remains to be completed in said one said janitorial cleaning zone ~~all tasks in a zone have been performed~~; and,
- viii. repeating steps i.C-vii until no janitorial cleaning zone remains to be ~~all zones have been~~ cleaned.

6. (Currently amended): The method according to claim 5 further comprising the steps of:  
a recording step of recording a time times when each said barcode scans scan occurs according to step (iii) and step (iv); and  
an uploading step of uploading said time recorded-times to a host computer.

7. (Currently amended): An apparatus for diarizing janitorial services during a ~~cleaning~~ patrol by janitorial cleaning personnel along a janitorial cleaning patrol route that includes at least one janitorial cleaning zone of a facility, said apparatus comprising:

at least a first ID code that is operatively readable substantially local to one said janitorial cleaning zone; and

a portable unit adapted to be carried by said janitorial cleaning personnel, said portable unit including:

an input device that operatively receives said first ID code substantially contemporaneous with ~~for receiving a user input representing a janitorial cleaning of each said zone task;~~

computing hardware connected to said input device that operatively creates for ~~creating a record indicating of~~ a completion of said janitorial cleaning of each said zone after said first ID code task when said user input is received by said input device;

an output device that operatively presents ~~for presenting~~ said completion of said janitorial cleaning of each said zone task.

8. (Currently amended): The apparatus of claim 7 wherein said input device is a barcode reader and said ~~user input~~ first ID code is a printed barcode that is operatively mounted substantially local to said one said janitorial cleaning zone scan corresponding to said cleaning task.

9. (Original): The apparatus of claim 7 wherein said input device is selected from the group consisting of a keyboard, a touch screen, a radio frequency tag reader, a magnetic-strip card reader and a microphone.

10. (Currently amended): The apparatus of claim 7 additionally comprising a microphone and wherein said computing hardware also operatively records ~~is further operable to record~~ a comment of said janitorial cleaning personnel that is associated with said completion of said janitorial cleaning of each said zone task.

11. (Currently amended): The apparatus of claim 7 wherein said output device is a wireless transmitter operatively transmitting said ~~operable to transmit~~ completion of said janitorial cleaning of each said zone task to a wireless receiver.

12. (Currently amended): The apparatus of claim 7 wherein said output device is a computer display operatively presenting ~~operable to present~~ said completion of said janitorial cleaning of each said zone to said janitorial cleaning personnel ~~a user~~.

13. (Currently amended): The apparatus of claim 7 wherein said output device is a docking port that operatively connects said portable unit ~~for connecting said apparatus~~ to an external computer, and wherein said external computer operatively receives ~~is operable to receive said presentation of~~ said completion of said janitorial cleaning of each said zone from said docking port.

14. (Currently amended): The apparatus of claim 1, further including a wireless communication system operatively ~~to connecting~~ said computing hardware ~~apparatus~~ with a host server and uploading to said host server ~~a time times~~ when each said completion of said janitorial cleaning of each said zone ~~barcode scans have~~ occurred.

15. (Currently amended): The apparatus of claim 14, wherein said uploading occurs each time said computing hardware records one said completion of said janitorial cleaning of each said zone ~~a barcode scan occurs~~.

16. (Currently amended): The apparatus of claim 1, wherein said portable unit ~~apparatus~~ additionally functions as a cellular phone.

17. (Currently amended): The apparatus of claim 1, wherein said portable unit further ~~including~~ includes a voice recording system.

18. (Currently amended): The method according to claim 6, wherein said uploading step occurs in real-time substantially contemporaneous with each said time a barcode scan according to step iii) or vi) is performed.

19. (Currently amended): An apparatus for diarizing services during a patrol by service personnel along a patrol route that includes at least one service zone of a facility, said apparatus comprising: at least a first ID code that is operatively readable substantially local to one said service zone;  
and

a portable unit that is adapted to be carried by said service personnel, said portable unit including:

an outer casing that frames a display and a plurality of keys;

a data transfer port;

an ID code reader, said ID code reader operatively receiving said first to receive ID code substantially contemporaneous with a servicing of said one said service zone ~~seans representative of at least one zone in a facility and at least one task to be performed in said at least one zone;~~ and

computing hardware interconnecting said display, said keys, said data transfer port and said ID code reader.

20. (Currently amended): The apparatus of claim 19, wherein said ID code is a printed barcode that is operatively mounted substantially local to said one said service zone.

21. (Currently amended): The apparatus of claim 19, wherein said ID code is an RF tag that is operatively received by the portable unit from substantially local to said one said service zone.

22. (Previously Presented): The apparatus of claim 19, wherein said services are janitorial services.

23. (Currently amended): The apparatus of claim 19, wherein said data transfer port further includes a wireless communication system operatively ~~to connecting~~ said data transfer port apparatus with a host server and uploading to said host server a time times when a completion of said servicing of each said zone said ID code scans have occurred.

24. (Currently amended): The apparatus of claim 23, wherein said uploading occurs each time said an ID code reader receives one said first ID code scan occurs.

25. (Currently amended): The apparatus of claim 19, wherein said portable unit apparatus additionally functions as a cellular phone.

26. (Currently amended): The apparatus of claim 19, wherein said portable unit further including includes a voice recording system.

27. (Currently amended): A ~~portable device-based~~ method of diarizing performance of services during a patrol by service personnel along a patrol route that includes at least one prescribed servicing task in at least one service zone of a facility, said method comprising the steps of:

i. assigning an ID code to each said zone of a facility where a service is to be performed;

ii. providing a task set that includes one or more task codes, with each of said task codes corresponding one each to each said prescribed servicing task;

iii. determining ~~which of~~ whether a next one said each zones is zone remains to be serviced;

iv ~~iii.~~ waiting for a scan of ~~an~~ said ID code that corresponds to said next one said zone matches with said assigned ID code;

iv. ~~assigning a task code to each task to be performed in said determined zone;~~

v. determining ~~which of~~ whether a next one said prescribed servicing task remains each tasks is to be completed in said determined one said zone to create a task list;

vi. waiting for a scan of ~~a~~ said task code that corresponds to said next one said prescribed servicing task on said task list;

vii. repeating steps v ~~iv~~ – vi until no prescribed servicing task remains to be completed in said one said zone ~~all tasks on said task list for said determined zone have been performed~~; and,

viii. repeating steps iii – vii until no zone remains to be ~~all zones have been~~ serviced.

28. (Currently amended): The method of claim 27, wherein each said ID code is a printed barcode, and wherein in step (i), said printed barcode is mounted substantially local to each said zone ~~codes are barcodes~~.

29. (Currently amended): The method of claim 27, wherein each said task code is a printed barcode ~~codes are barcodes~~.

30. (Currently amended): The method of claim 27, wherein each said ID code, ~~codes~~ and each said task code, is a printed barcode ~~codes are barcodes~~.

31. (Previously Presented): The method of claim 27, wherein said services are janitorial services.

32. (Currently amended): The method of claim 31, wherein each said servicing task is a tasks are cleaning task ~~tasks~~.

33. (Currently amended): The method of claim 27, wherein said step (iii) is performed by one of said service personnel ~~a person~~ responsible for completing said prescribed servicing task ~~tasks~~.

34. (Currently amended): The method of claim 27, wherein said step (iii) is performed at a central control location.

35. (Currently amended): The method of claim 27, wherein said step (v) is performed by one of said service personnel ~~a person~~ responsible for completing said tasks prescribed servicing task.

36. (Previously Presented): The method of claim 27, wherein said step v) is performed at a central control location.

37. (Currently amended): The method according to claim 27 further comprising the steps of:  
a recording step of recording a time times when each said task-code scans scan occurs  
according to step (iv) and step (v) and said ID-code scans occur; and  
an uploading step of uploading said time recorded times to a host computer.

Claim 38 (Currently amended): The method according to claim 37, wherein said uploading step occurs in real-time substantially contemporaneous with each said time a task-code scan or an ID-code scan is performed.